

XX SQ Sequence 6 AA;  
 Query Match Similarity 75.6%; Score 34; DB 21; Length 6;  
 Best Local Similarity 66.7%; Pred. No. 9.3e+05;  
 Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 Qy 1 WVRWF 6  
 Db 1 WXXXHF 6

## RESULT 7

AAB01504 Standard; peptide; 6 AA.

AAB01504;

XX DT 08-NOV-2000 (first entry)

Peptide which binds to transcription factor E2F-1 DNA binding domain.

XX DNA binding; transcription factor; E2F; E2F-1; Cell cycle; DP-1;  
 XX activation; transcription; apoptosis; proliferative disorder;  
 XX psoriasis; restenosis.  
 OS Synthetic.

XX WO200044771-A1.

XX PD 03-AUG-2000.

XX PA 26-JAN-2000; 2000WO-GB002227.

XX PR 26-JAN-1999; 99GB-0001710.

XX (PROL-) PROLIFIX LTD.

XX Mueller R, Kontermann RE, Montigiani S;  
 XX PI WPI; 2000-532806/48.  
 XX Peptides binding to the DNA binding domain of transcription factor E2F  
 PT and inhibiting cell cycle progression, useful for the treatment of  
 PT cancer  
 XX Example; Page 26; 42PP; English.

XX Peptides which bind to the DNA binding domain of transcription  
 CC factor E2F and inhibit cell cycle progression may be useful as  
 CC research agents to investigate the interaction between E2F and DP-1,  
 CC or the activation of transcription by E2F-1/DP-1 heterodimers. They  
 CC may also be used for inducing apoptosis and/or cell cycle arrest in  
 CC a cell, particularly for treatment of cancer or other proliferative  
 CC disorders such as psoriasis and restenosis.

XX Sequence 6 AA;

Query Match Similarity 75.6%; Score 34; DB 21; Length 6;  
 Best Local Similarity 100.0%; Pred. No. 9.3e+05;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 VRWHF 6

Db 2 VRWHF 6

XX DT 25-MAR-2003 (updated)  
 XX DT 30-MAR-1995 (first entry)  
 DE Antiproliferative peptide to transplantable human B-cell lymphoma.  
 XX KW antiproliferative; transplant; B-cell lymphoma line SUP-B8; Burkitt's;  
 XX KW inhibit clonal expansion; induce apoptosis; anti-idiotype; IgM lambda;  
 XX KW inhibit cell proliferation; peptidomimetics; cell surface receptor;  
 XX KW immunoglobulin superfamily; treatment; neoplasia; identification;  
 XX KW induce replication; therapy; clonal anergy; modulate tyrosine kinase.  
 XX OS Syntetic.  
 XX PN WO9418345-A1.  
 XX PD 18-AUG-1994.  
 XX PP 04-FEB-1994; 94WO-US01319.  
 XX PR 05-FEB-1993; 93US-0014426.  
 XX PR 15-NOV-1993; 93US-015341.  
 XX PA (AFFYX-) AFFYMAX TECHNOLOGIES NV.  
 XX PA (STRD) UNIV LELAND STANFORD JUNIOR.  
 XX PI Bhatt RR, Dower WJ, Levy R, Renschler MF;  
 XX DR WPI; 1994-279752/34.  
 XX PT Identifying anti-proliferative peptide(s) which specifically bind  
 PT to immunoglobulin super-family species idiotype - esp. to inhibit  
 PT B-cell lymphoma and leukemic cell proliferation, for  
 PT anti-idiotype therapy  
 XX PS Claim 7; Page 45; 69PP; English.  
 XX CC AAR60400-73 are peptide ligands which bind to purified IgM lambda  
 CC receptor of the human Burkitt's lymphoma cell line SUP-B8 Peptides  
 CC AAR60414 to AAR60473 were biotinylated and linked to streptavidin.  
 CC The peptides were identified with the use of filamentous phage  
 CC libraries displaying random peptides. Corresponding synthetic  
 CC peptides bound specifically to this Ig receptor, and blocked the  
 CC binding of an anti-idiotype antibody. The ligands, when conjugated  
 CC to form dimers or tetramers, induced cell death by apoptosis in  
 CC vitro at nanomolar concentrations. This effect was associated with  
 CC the specific stimulation of intracellular protein tyrosine  
 CC phosphorylation. The peptides of the invention can be used individually,  
 CC as complexes of cross-linked peptides or can be conjugated to deliver  
 CC toxins or radionuclides to neoplastic cells bearing the specific Ig  
 CC receptor.  
 CC (Updated on 25-MAR-2003 to correct PN field.)

XX SQ Sequence 8 AA;  
 XX Query Match Similarity 75.6%; Score 34; DB 15;  
 XX Best Local Similarity 80.0%; Pred. No. 9.3e+05;  
 XX Matches 4; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

→ Qy 1 WVRWH 5  
 → Db 3 WYRWH 7

## RESULT 9

AAR60444  
 XX ID AAR60444 Standard; peptide; 8 AA.  
 AC AAR60444;

XX DT 25-MAR-2003 (updated)  
 XX DT 30-MAR-1995 (first entry)  
 DS Antiproliferative peptide to transplantable human B-cell lymphoma.

DT 02-OCT-1998 (First entry)

XX ELAM-1 peptide mimetic #119.

XX Endothelial leukocyte adhesion molecule 1; ELAM-1; inflammation;

XX selectin; diagnosis; mimetic.

OS Synthetic.

US5728802-A.

PN XX

PR XX

XX 17-MAR-1998.

XX PD PR 12-MAY-1995; 95US-0439817.

XX PF PR 12-MAY-1995; 95US-0439817.

XX PR 12-MAY-1995; 95US-0439817.

XX PR 06-MAY-1992; 92US-0881395.

XX PR 05-MAY-1993; 93US-0057295.

XX PR 11-MAY-1994; 94US-0241054.

XX PR 17-MAR-1998.

XX PD PR 12-MAY-1995; 95US-0439817.

XX PF PR 12-MAY-1995; 95US-0439817.

XX PR 12-MAY-1995; 95US-0439817.

XX PR 06-MAY-1992; 92US-0881395.

XX PR 05-MAY-1993; 93US-0057295.

XX PR 11-MAY-1994; 94US-0241054.

(AFFY-) AFFYMAX TECHNOLOGIES NV.

PA XX

XX Barrett RW, Cwirla SE, Dower WJ, Koller KJ, Lee J;

PI Martens CL, Ruhland B;

XX XX

XX DR WPI; 1998-249882/22.

XX Peptide(s) or their mimetic(s) that bind to E-selectin - useful for, e.g. treating conditions mediated by E-selectin such as inflammatory condition(s).

XX Example 2: Column 91-92; 84pp; English.

XX AAW63846-W64054 are peptides and peptide mimetics that bind selectins including endothelial leukocyte adhesion molecule 1 (ELAM-1) and can be used for blocking adhesion of leukocytes to the selectins. The peptides have applications for the treatment of conditions mediated by E-selectin, e.g. inflammatory conditions. They can also be used for diagnostic purposes, e.g. for identifying the vascular site of E-selectin in vivo or can be coupled to anti-inflammatory or other drugs. (Updated on 25-MAR-2003 to correct PF field.)

XX Sequence 10 AA;

XX PR Query Match 68.9%; Score 31; DB 19; Length 10;

XX PS Best Local Similarity 100.0%; Pred. No. 56;

XX XX Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Gaps 0

XX Qy 1 WVRW 4

XX Db 6 WVRW 9.

XX RESULT 22

XX AAR37390 Standard; peptide; 6 AA.

XX ID AAR37390

XX AC AAR37390;

XX DT 07-JUL-1993 (first entry)

XX DB Peptide for treating septic shock.

XX Qy 1 WVRW 4

XX AC Toxic shock; blood endotoxin removal; serum; diagnostic reagent;

XX KW cytokine release control; treatment; pertussis; bacterial meningitis;

XX KW HIV related infections; polymyxin B; Group II.

XX OS Synthetic.

XX Key Region 1..3 /note= "repeat region"

XX FT Region 4..6 /note= "repeat region"

XX FT Region

XX PD 25-NOV-1992.

XX PN ZA9200943-A.

XX PR 10-FEB-1992;

XX PR 11-FEB-1991;

XX PA (PORR) PORRO M.

XX PI Porro Mi.

XX RESULT 21

XX AAW63558

XX ID AAW63558 standard; peptide; 10 AA.

XX AC AAW63558;

XX DT 25-MAR-2003 (updated)

XX DT 02-OCT-1998 (first entry)

XX DE ELAM-1 peptide mimetic #113.

XX KW Endothelial leukocyte adhesion molecule 1; ELAM-1; inflammation;

XX KW selectin; diagnosis; mimetic.

XX OS Synthetic.

XX US5728802-A.

XX PR 17-MAR-1998.